

# Converting Colors

Hex(385756)

Have a look what the booklet for  
Hex(385756) contains.

<b>Hex(385756)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(385756)**

# Conversions

## Conversions Part 1

Format	Color
Hex	385756
RGB	56, 87, 86
RGB Percent	22%, 34%, 34%
CMY	0.7804, 0.6588, 0.6627
CMYK	0.36, 0.00, 0.01, 0.66
HSL	178°, 22%, 28%
HSV	178°, 36%, 34%
XYZ	6.7188, 8.3290, 10.0576
YIQ	77.6170, -18.1550, -6.8830

# Conversions

## Conversions Part 2

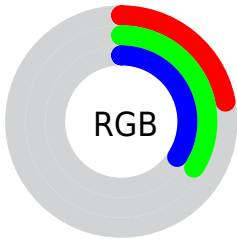
<b>Format</b>	<b>Color</b>
<b>RYB</b>	56, 72, 87
Decimal	3692374
CIELab	34.66, -11.62, -3.07
CIELCh	35, 12.017, 194.779
Yxy	8.3290, 0.2676, 0.3318
Android (android.graphics.Color)	4281882454 (0xFF385756)
YUV	77.6170, 4.1328, -18.9581
Hunter-Lab	28.8601, -8.9492, -0.4603

# Details

The Hex color **385756** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **573839**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **688988**, and **0A2A29** is the 20% darker color. If you saturate the color by 10%, you get **2F5756**, and if you desaturate by 10%, it is **415756**.

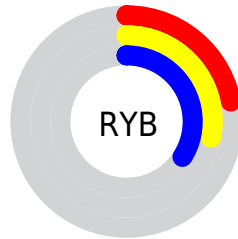
# Distribution



Red (22%)

Green (34%)

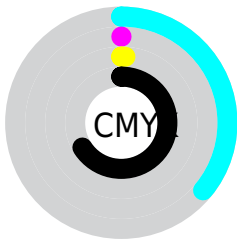
Blue (34%)



Red (22%)

Yellow (28%)

Blue (34%)

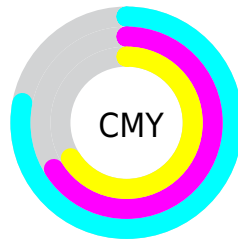


Cyan (36%)

Magenta (0%)

Yellow (1%)

Black (66%)



Cyan (78%)

Magenta (66%)

Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 385756 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 385756 by changing the saturation by 10% instead.



 385756

 385756

FFFFFF

 21403F

 688988

 0A2A29

 82A3A2

 001615

 9CBEBD

 000000

 B8DAD9

 D3F7F5

 F0FFFF

 385756

 385756

 2F5756

 415756

■ 275755

■ 495757

■ 1E5755

■ 525757

■ 155755

■ 5B5757

■ 0C5755

■ 635757

■ 045754

■ 6C5758

■ 005754

■ 755758

■ 7E5758

■ 865759

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



3F574C



385756



38565F

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



385756



594E5F



5D4F3F

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



385756



573839

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



644C44



385756



624B57

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



385756



4D5164



654B4D



54523F

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



385756



3D5562



654B4D



604E41



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



385756



647070



395738



313838



B8B8B8



383838



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



385756



40706F



384957



272B2B



006B68



00EBE3



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



573839



704042



574638



2B2727



6B0003



EB0008



# Previews

## White Background



This preview shows how the Hex color 385756 looks on a white background.

## Color Contrast Check

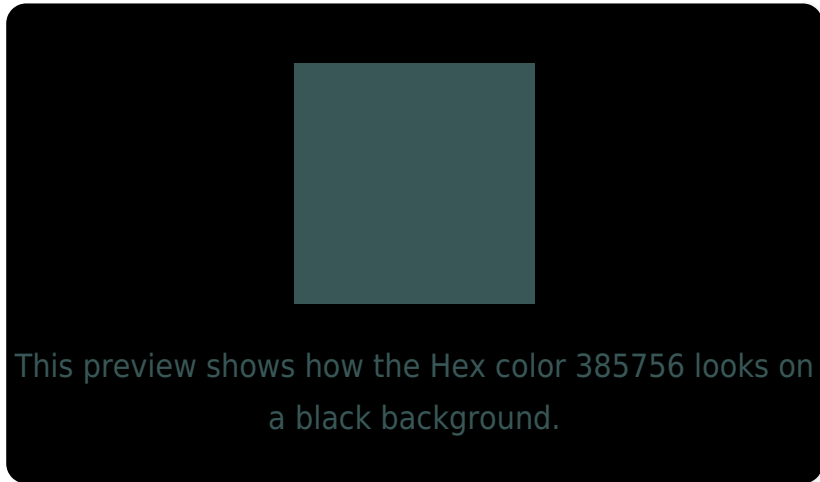
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

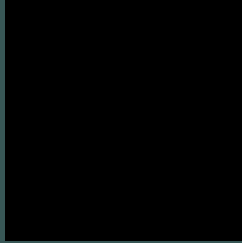
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

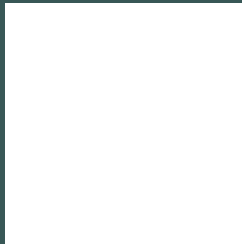
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 385756 Background



This preview shows how black text looks on a background with the Hex color 385756.



This preview shows how white text looks on a background with the Hex color 385756.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).


## Dichromacy



**Original Color**  
385756

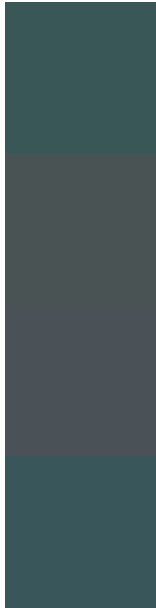
**Protanopia**  
525152

**Deuteranopia**  
564F58



**Tritanopia**  
3A565D

# Trichromacy



**Original Color**  
385756

**Protanomaly**  
495353

**Deuteranomaly**  
4B5257

**Tritanomaly**  
39565A

# Monochromacy



**Original Color**  
385756

**Achromatopsia**  
4E4E4E

**Achromatomaly**  
465151

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 385756 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #385756 looks like.

```
.text, #text, p{  
    color:#385756  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #385756 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #385756
}
```

## Border

The CSS property to change the border of an element to Hex 385756 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#385756 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#385756 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #385756 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #385756; -webkit-box-shadow:4px 4px  
4px 4px #385756; box-shadow:4px 4px 4px  
4px #385756 }
```

# Background

The CSS property to change the background color of an element to Hex 385756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#385756 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#385756 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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